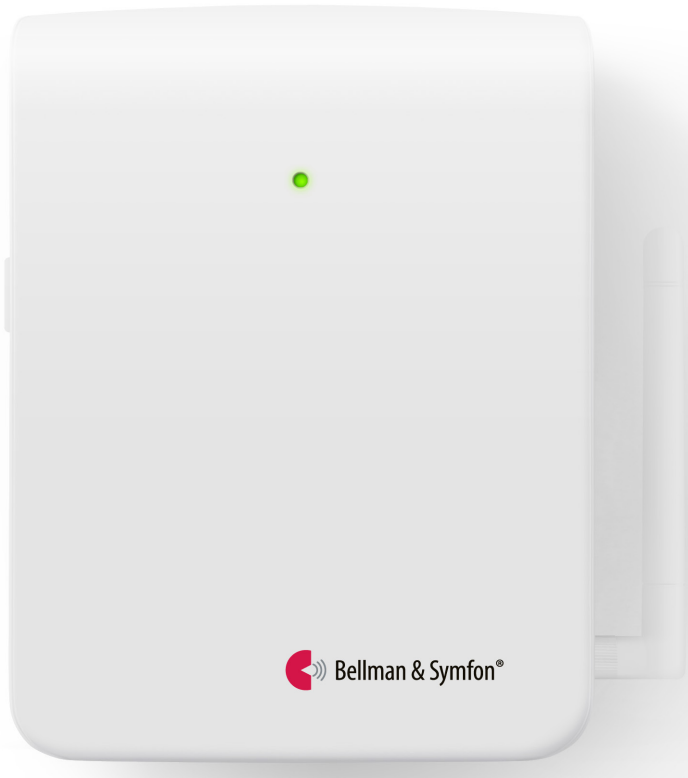
# Amicus transceiver

Model: BE2320

Bellman & Symfon®
DESIGN FOR LIFE




## Features

The Amicus transceiver is smart, reliable and very easy to set up. It can handle as many as 3 wired and 8 wireless sensors simultaneously. The transceiver offers a superior range of up to 600 m and can forward alerts to mobile phones to further extend the range.

**Easy setup**

Works out of the box and takes only minutes to install. Just plug in your sensors and you'll be receiving alerts in moments.

**Superior range**

Offers an impressive range of up to 600 m so the caregiver can move around freely in and around the premises.

**Battery backup**

Features a battery backup that steps in when the power goes off, offering increased security for the caretaker.

**Auto diagnostics**

Automatic supervision of sensor, battery and network status, providing high system reliability and resident security.

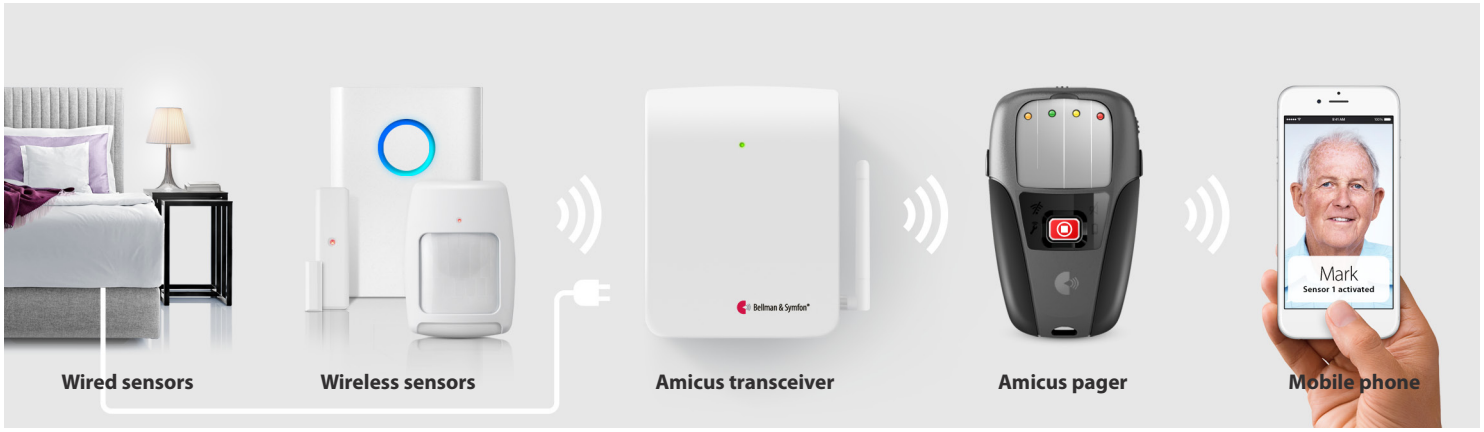
**Multiple connections**

Handles as many as 3 wired and 8 wireless sensors, so you can grow the system as your need evolves.

**Mobile phone alert**

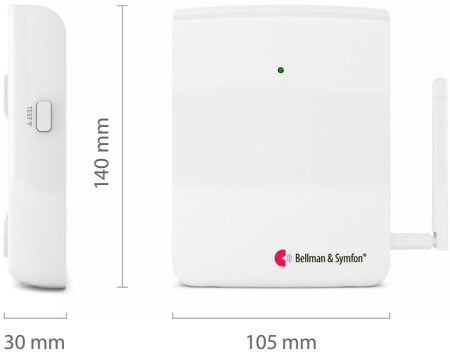
Translates alarms into calls and text messages, increasing network range and allowing for higher organizational flexibility.

# Technical specifications




## Dimensions and weight

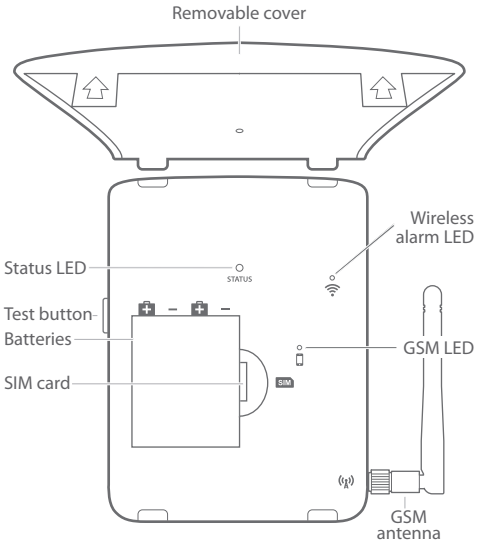
| | |
|---|---|
| Height: | **140** mm |
| Width: | **105** mm |
| Depth: | **30** mm |
| Weight: | **210** g incl. batteries |




## Power and battery

- **Mains power**
  Input: 100 – 240 V ~ 50/60 Hz 0.3 A
  Output: 7.5 V ⎓1000 mA
  Use the supplied adaptor model SSA-10W-12 EU 075100 by SIL
- **Batteries**
  With mains electricity
  4 x 1.2 V AAA rechargeable NiMH batteries. Use rechargeable batteries model HFR-AAA900 900 mAh by Shenzen Highpower Technology Co. Ltd., or model 5703 1000 mAh by Varta.
  Without mains electricity
  4 x 1.5V AAA alkaline batteries.
- **Battery operating time**
  365 days without GSM module or wireless alarm unit
  4 h reserve with GSM module or wireless alarm unit
- **Power consumption**
  0.3 mA in basic configuration

## Buttons and indicators




## Connections

- 1 x 7.5V power cord
- 2 x RJ-11 inputs
- 1 x 3.5 mm tele jack
- 1 x SMA jack for GSM antenna

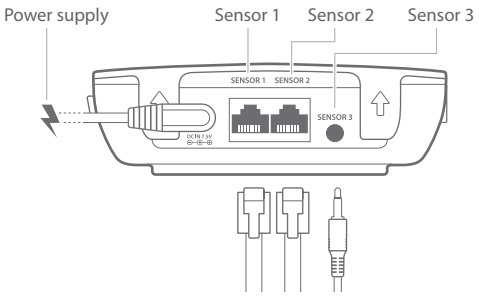
## Activation

- Via test button
- Via sensors connected to the 3 sensor inputs
- Via wireless alarm unit (module BE9230 required)

## In the box

- BE2320 Amicus transceiver with pre-installed batteries
- Mains adapter
  - Only models with pre installed module for wireless alarm or GSM
- GSM antenna
  - Only models with pre installed GSM module
- User manual, screws and plugs

## Sensor inputs




## Frequency and coverage

- Radio frequency: 869.2375 MHz
- Coverage: Up to 600 m line of sight. The range is reduced by walls and large objects that obstruct radio signals and can be affected by other radio transmitters such as TVs, PCs, mobiles or tablets.

## Maintenance and cleaning

- To clean the product, unplug the power cord and all cables. Then use a soft, lint-free cloth. Avoid getting moisture in openings.
- Don't use window- or household cleaners, aerosol sprays, solvents, alcohol, ammonia, or abrasives.

## Accessories

The following accessories are available:

- BE9220 Module for GSM
- BE9230 Module for wireless alarm units

## Environment

- For indoor use only
- Temperature: 59° to 95° F (15°-35° C)
- Relative humidity: 5% -95%, non condensing
- Install at least 1.5 m from the caretaker

## Regulatory requirements

- Complies with the following requirements: CE, WEEE, R&TTE and RoHS

RoHS CE 0359

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